

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	487	623/17.14.ccls. or 623/17.15.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/17 11:33
S2	1303	(623/17.11 or 623/17.12 or 623/17.13 or 623/17.14 or 623/17.15 or 623/17.16). ccls. and (ball or concave or convex or socket or sphere)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 10:34
S3	280	S1 and @rlad< "20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/17 11:34
S4	334	S1 and @ad< "20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/17 11:34
S5	422	S3 S4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/17 11:34
S6	30	(US-20060195192-\$ or US-20060122703-\$ or US-20060116768-\$ or US-20060036326-\$ or US-20060036325-\$ or US-20050283245-\$ or US-20050256581-\$ or US-20050240273-\$ or US-20050197705-\$ or US-20050187633-\$ or US-20050107881-\$ or US-20040153159-\$ or US-20040143332-\$ or US-20040133278-\$ or US-20040111160-\$ or US-20040030391-\$ or US-20040024460-\$ or US-20040002761-\$).did. or (US-7048764-\$ or US-6881228-\$ or US-6682562-\$ or US-6679915-\$ or US-6440168-\$ or US-6416551-\$ or US-6368350-\$ or US-6146421-\$ or US-5895428-\$ or US-5556431-\$ or US-5401269-\$ or US-4759766-\$).did.	US-PGPUB; USPAT	OR	ON	2006/09/17 12:58
S7	18	S6 and translation	US-PGPUB; USPAT	OR	ON	2006/09/17 12:58

S8	957	(623/17.14 or 623/17.15 or 623/17.16).ccls. and (ball or concave or convex or socket or spher\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/04 14:28
S9	562	S8 and @rlad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/04 14:28
S10	650	S8 and @ad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/04 14:28
S11	826	S9 S10	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/04 14:28
S12	14	("4759766"   "5314477"   "5401269"   "5534029"   "5674296"   "5676701"   "5888226"   "5895428"   "5899941"   "6063121"   "6146421"   "6368350"   "6540785"   "6645248").PN. OR ("7048764").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 15:45
S13	0	"7048764.on"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/05 15:38
S14	1	"7048764".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/05 15:47
S15	1	"10/698,966"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/05 15:58
S16	1	"10/465,277"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/05 15:58
S17	1550	623/17.14.ccls. or 623/17.15.ccls. or 623/17.16.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 23:32
S18	839	S17 and @rlad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 21:34
S19	1035	S17 and @ad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 21:34
S20	1293	S18 S19	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 22:41
S21	316	S20 and (radius with curvature)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 21:38

S22	286	623/21.1\$2.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 21:38
S23	71	S22 and @rlad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 21:38
S24	234	S22 and @ad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 21:38
S25	257	S23 S24	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 22:21
S26	138	623/23.39.ccls. or 623/23.4. ccls. or 623/23.41.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 22:21
S27	55	S26 and @rlad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 22:22
S28	83	S26 and @ad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 22:22
S29	105	S27 S28	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 22:33
S30	244	623/18.11.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 22:33
S31	106	S30 and @rlad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 22:34
S32	201	S30 and @ad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 22:34
S33	219	S31 S32	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 22:34
S34	195	S33 not (S25 or S29)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 22:34
S35	214	623/17.14.ccls. or 623/17.15.ccls.	USPAT; EPO; JPO	OR	ON	2007/08/22 23:33
S36	100	S35 and @rlad<"20040323"	USPAT; EPO; JPO	OR	ON	2007/08/22 23:33
S37	202	S35 and @ad<"20040323"	USPAT; EPO; JPO	OR	ON	2007/08/22 23:33
S38	209	S36 S37	USPAT; EPO; JPO	OR	ON	2007/08/22 23:45

S39	454	623/17.16.ccls.	USPAT; EPO; JPO	OR	ON	2007/08/22 23:45
S40	208	S39 and @rlad< "20040323"	USPAT; EPO; JPO	OR	ON	2007/08/22 23:45
S41	440	S39 and @ad< "20040323"	USPAT; EPO; JPO	OR	ON	2007/08/22 23:45
S42	450	S40 S41	USPAT; EPO; JPO	OR	ON	2007/08/22 23:45
S43	411	S42 not S38	USPAT; EPO; JPO	OR	ON	2007/08/22 23:45
S44	2968	623/17.11.ccls. or 623/17.12.ccls. or 623/17.13.ccls. or 623/17.14.ccls. or 623/17.15.ccls. or 623/17.16.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 10:35
S45	1514	S44 and @rlad< "20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 10:35
S46	1794	S44 and @ad< "20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 10:35
S47	2325	S45 S46	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 10:35
S48	1654	623/17.14.ccls. or 623/17.15.ccls. or 623/17.16.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 10:35
S49	882	S48 and @rlad< "20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 10:35
S50	1060	S48 and @ad< "20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 10:35
S51	1345	S49 S50	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 12:10
S52	1914	623/17.11.ccls. or 623/17.12.ccls. or 623/17.13.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 12:10
S53	963	S52 and @rlad< "20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 12:10
S54	1122	S52 and @ad< "20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 12:10

S55	1468	S53 S54	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 12:10
S56	980	S55 not S51	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 12:11
S57	567	S56 and (convex\$4 or concav\$4 or spher\$4 or ball)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 12:11
S58	633	S56 and (convex\$4 or concav\$4 or spher\$4 or ball or arcuate)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 15:06
S59	146	(spin\$2 or interverteb\$4) and (implant or prosthe\$4) and ((upper or top) with (plate or endplate)) and ((bottom or lower) with (plate or endplate)) and (center or spacer or insert) and convex\$3 and concav \$3 and ((different or larger or smaller or greater) with curvature)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 15:08
S60	109	S59 and @rlad< "20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 15:09
S61	86	S59 and @ad< "20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 15:09
S62	122	S60 S61	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 15:09
S63	15	("4759766"   "5314477"   "5401269"   "5534029"   "5674296"   "5676701"   "5888226"   "5895428"   "5899941"   "6063121"   "6146421"   "6368350"   "6540785"   "6645248").PN. OR ("7048764").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/27 16:57
S64	3781	623/17.\$2.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:42
S65	2104	623/17.14.ccls. or 623/17.15.ccls. or 623/17.16.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:44

S66	94	S65 and ((insert or core or spacer or intermediate or center or central) with composite)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:44
S67	41	S66 and @rlad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:45
S68	50	S66 and @ad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:45
S69	62	S67 S68	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:45
S70	3672	623/17.11.ccls. or 623/17.12.ccls. or 623/17.13.ccls. or 623/17.14.ccls. or 623/17.15.ccls. or 623/17.16.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:45
S71	158	S70 and ((insert or core or spacer or intermediate or center or central) with composite)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:45
S72	76	S71 and @rlad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:45
S73	84	S71 and @ad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:45
S74	109	S72 S73	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:45
S75	18	S70 and ((insert or core or spacer or intermediate or center or central) with composite with elastomer \$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:47
S76	96	S70 and (insert or core or spacer or intermediate or center or central) and (composite with elastomer \$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:52
S77	43	S76 and @rlad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:53
S78	36	S76 and @ad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:53

S79	53	S77 S78	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:53
S80	42	S79 not S75	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:53
S81	342	S70 and ((insert or core or spacer or intermediate or center or central) same composite)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 17:00
S82	158	S70 and ((insert or core or spacer or intermediate or center or central) with composite)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 17:00
S83	76	S82 and @rlad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 17:00
S84	84	S82 and @ad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 17:00
S85	109	S83 S84	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 17:00
S86	103	S85 not S80	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 17:00
S87	92	S85 not S79	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 17:01
S88	3	"10/806,961"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 19:01
S89	2355	623/17.12.ccls. or 623/17.13.ccls. or 623/17.14.ccls. or 623/17.15.ccls. or 623/17.16.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 19:16
S90	1135	S89 and @rlad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 19:17
S91	1227	S89 and @ad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 19:17
S92	1677	S90 S91	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 19:17

S93	131	S92 and @pd> "20080109"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 19:18
S94	1546	S92 not S93	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 19:18

12/14/08 7:30:41 PM

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